

**Abstract:**

An infrared (IR) receiving device (1) with IR detector elements (3) for receiving IR signals from a communication zone (5), as well as with a processing circuit for deriving electric signals corresponding to the IR signals received, wherein the IR detector elements (3) are provided in at least one matrix-type arrangement (2) which corresponds to a matrix-type segmentation of the communication zone (5), and the processing circuit comprises a maximum detector circuit (9) connected to the IR detector elements (3), which maximum detector circuit (9) selects one respective maximum output signal from among the output signals of the IR detector elements (3) for deriving the electric signal.

(Fig. 1)